



LANTDIV CONSTRUCTION DIVISION

# SPADEWORK

ATLANTIC DIVISION, NAVAL FACILITIES ENGINEERING COMMAND

## **11XX Transfer Update**

**P**lans for the PWC's transfer of 11XX personnel for 10 October 1999 are well underway. Two all hands briefings in the Norfolk area were well attended and many questions were asked and answered. CAPT Doyle, CO PWC NORVA, attended both sessions and CAPT Kraai, Vice Commander LANTDIV, attended the first day. The most complicated part of the transfer was the identification of the 26 CONREP's that will do Type II construction. (All 1102, 1105, and 1106 series employees transfer!) We had more than enough volunteers so that we did not have to pick any inspector that did not want to transfer. This is great news from a morale standpoint since everyone chosen wants to be part of the LANTDIV organization. In order to assist in the transition process we have formed a team to periodically visit all five Tidewater sites to answer questions and identify any potential problems. The members of this team are Sue Kranes, Linda Hollis and Tom Turlip. Please use this team to answer any concerns you might have to make this transition as smooth as possible. *By Gary Mackey*

## **Waterfront Planning Update**

**R**egionalization is taking effect in the long range planning and coordination of facilities upgrades needed for the waterfront operations of the Mid-Atlantic Region, which includes Naval Station Norfolk, Norfolk Naval Shipyard convenience

berths, Little Creek, Yorktown and Oceana. LANTDIV Planners working with Claimant, Tycom's, Regional, Activity, and LANTDIV project management, design, construction and ROICC representatives have developed a Waterfront Regional Plan including a Recapitalization Plan for all the major waterfront piers, dredging for the Naval Station Norfolk, Little Creek, Yorktown and NNSY. This plan has been presented to the Regional leadership and major players. The plan outlines and shows a schedule for the replacement of most of the piers at Naval Station Norfolk which are approaching sixty years old and are at the end of their useful lives and the piers at Little Creek. Most of the new piers will be two decked to facilitate supporting ships and will have upgraded power and other utility services to accommodate the increased power requirements of the newer ships. Overall the plan outlines \$700 million of MILCON construction work to be performed over the next twenty five years. Dave Carver of Planning has been the lead planner and Howard Kelly of Design has been the lead designer.

Regional Shore Infrastructure Plans (RSIP) such as the Hampton Roads Waterfront plan are also being developed for other regions and other functional areas. Planners are currently working with NORTHDIV on a Northeast Region Waterfront RSIP and with SOUTHDIV on a Southeast Region Waterfront RSIP including GTMO and Puerto Rico are scheduled to be completed in September. *By Kelly Wood*

## **Quarterly Safety Reviews**

**P**lease remember to continue the quarterly ROICC Safety awards program in house. The safety site assessment information gathered as a result of your quarterly contractor award is not required to be submitted to Code 05 as in the first implementation quarter. However the results should be maintained at your location. Please remember to review the seven step implementation process before conducting inspections. During a future award period, within the next 12 months, Code 05 will again gather the results from a selected period (quarter) in order to gauge improvements command wide. If I can be of any assistance please do not hesitate to contact me on this matter. *By Bill Garrett*

## **Hot Weather Precautions**

**S**ection 02.A.01 of the EM-383-1-1 states "An adequate supply of drinking water shall be provided in all places of employment. Cool water shall be provided during hot weather." Lets all be sure to use a common sense approach to water consumption during hot weather. Sensations of thirst begin with the loss around a quart of fluids. Between this and one gallon people begin to feel tired and apathetic. Contractors should be ready to supply adequate quantities to keep workers as refreshed as possible.

## **Construction and Engineering Management at NC State**

**W**hile on my twelve-month sabbatical (LWOP), I have been pursuing a Master's Degree in Construction and Engineering Management (CEM) at NC State University in Raleigh, NC. The CEM program is offered as a con-

centration in the Civil Engineering Department. The program consists of thirty semester hours including either a six hour thesis option or a three hour project option. The degree covers various aspects of construction management and the construction process. The courses offered range in topics from Project Management and Scheduling, Design of Temporary Concrete Formwork Structures to Contract Law. Particular emphasis is placed on the use of the personal computer (PC) in developing a project schedule with the use of Primavera Project Planner (P3). Computers play a major role in design optimization of several finite element analysis programs for concrete formwork design. My Master's in Civil Engineering (MCE) will be completed in December 1999. I have completed courses this past spring in Project Scheduling, Design of Coastal Processes, Design of Temporary Formwork Structures, and Managerial Effectiveness in Business. My project work this summer involves undertaking research in different construction processes and analysis of risk in the construction industry. Some courses offered for the fall semester will include Construction Safety (includes OSHA certification), Risk and Finance and Contract Law. Each of these courses will be of great benefit to my career and give me a greater understanding of the whole construction process. I am confident that these skills gained during my time at NC State will benefit LANTDIV in the years to come. *By Luke Jackson*

## **Construction Claim Back-up data**

**L**ANTNAVFACENGCOM INST 4365.1C provides the format for field office submission of claim packages. This information is thoroughly dissected and no stone is left unturned. Field Offices have been doing a great job in sending in all the information needed to analyze the claims but the old adage, "a picture is worth a thousand

words", still rings true. Digital images offer an excellent way to enhance the Boards understanding of the overall construction scope and the immediate claim. All field offices are now equipped with digital cameras. When submitting a claim package, please provide digital photographs on floppy disk or CD's. *By Robert Fox*

## **Construction Performance Time**

**T**he time it takes us to construct facilities is a LANTDIV front office and customer high interest item. Whatever we can do to shorten the construction performance time will be beneficial. Currently the construction performance times are indicated in the Project Management Plans of Actions and Milestones reviewed monthly in the Execution Meetings with representatives from Codes 02, 03, 04, and 05. The Project Manager should convey any commitments to the customers about when their facility will be completed to the ROICC SGE and the Code 05 Construction Manager. When the Prefinal contract documents are prepared the LANTDIV the AE or Code 406 specification writer should insert the length of construction performance in specification Section 01110, Summary of Work, under the clause "Commencement and Prosecution of Work". This clause is inserted to solicit comment during the ROICC constructability review. Often there are also special scheduling requirements which the Project Manager should be sure are detailed in the contract documents. When the ROICC Office receives the Prefinal documents for review they should review the performance time for reasonableness, i.e. whether unrealistically short or too long. The ROICC and Code 05 comments should be incorporated by the AE or Code 406 specification writer in the final contract documents, by deleting the statement from Section 01110 and placing it in the contract clauses of the final contract documents. *By Kelly Wood*

## **Training Updates**

**N**FCTC course Construction Contract Mods has been replaced by the CON 244 course Construction Contracting. The course schedule can be found at : <http://www.nfctc.navy.mil/course.asp>. Also the course schedule for ROICC Office Management can be found at: <http://www.cnet.navy.mil/cecos/cecos/index.html>

**N**eed to learn more about software used by your office. NAVFAC has purchased slots for the Learn It On-line interactive learning system. The site's URL is <http://corp.learnitonline.com/>. If you believe a course could be beneficial contact Martha R. Mercer at (757) 322-8060 COMM or DSN 262-8060. Her FAX number is (757)322-8096 or you can E-mail her at [mercermr@efdlant.navy.mil](mailto:mercermr@efdlant.navy.mil).

## **Looking back on an overseas tour**

**S**eventeen and one half hours after you said goodbye to the co-workers you have spent the last two and one-half years with you're walking down the hallway at the Norfolk International Airport and your mother-in-law, son, daughter, cousins, nieces and even a grandson you have not seen yet are waiting for you. Is this a typical Navy family reunion? No! It is what my family and I experienced when we returned from our tour at Sigonella Sicily. Three weeks later I am driving in my air-conditioned car, listening to American radio stations in traffic that seems to be obeying the laws I know and understand so well. Gone from the road are the Vespa's (small motorcycle's driven at only full speed within 2 inches from your car), sheep, cows and drivers who like to pass you on two lane roads when other vehicles are in the other lane next to you. After such a short time it

seems like you never left Virginia and the life in Italy seems to be a fond but faint memory. As life returns to the "normal" routine the things you miss from your tour in Italy become more special. Like stopping at the local market and getting vegetables that were picked that day at prices lower than we have here. Stopping by for bread baked in the last few hours in wood fired ovens or getting chicken cooked over a wood fire with potatoes fried in olive oil. Or the view from your balcony as the sun rises over the Mediterranean Sea. Spending Thanksgiving in Rome while you watch your son walk where he as he puts it, "Roman dudes" used to walk. Swimming in crystal clear streams where the temp of the water is in the mid forties, and the cliffs that line the streams have burial crypts that were dug into the walls in 300 – 400 AD. A tour overseas also has its down side. Learning to understand how Italians stand in a line. (It's like the line at the pizza buffet, only less organized.) Waking up and seeing your red car covered with ½ inch of black volcanic ash. Watching the candles in your house melt in their holders when the thermometer hits 121° F. Dealing with Italian banks and post offices and getting LPG (heating gas) delivered to your home only during working hours every three weeks in the wintertime. Listening to your teenager complain that there is only one English speaking television channel and no MTV. (Although he did find the Italian versions which were much nicer since we could not understand what the DJ's were saying.) There is also the problem with being so far away from home where the time difference can make calling home difficult and much more expensive than it costs in the States. It goes without saying how much fun it is packing your household goods twice in less than three years. Pets can really complicate the move given the different import rules for many foreign countries. (My four cats now have more frequent flyer miles than the average American does!) Looking back on our tour the pluses clearly outweigh the minuses. Professionally I was able to get more experience and responsibility than I

ever would here at Norfolk. I was able to meet with Admirals, Generals and members of the House of Representatives who wanted to hear my opinions on what my office was doing. I was able to show my family things that most people will only read about and all of it was done with little or no transportation costs because we lived there. I have never enjoyed such close relations with my American co-workers who I considered part of our "Sigonella" family and our Sicilian friends will always hold a special place in our hearts as they did all that they could to teach us about their home. In retrospect, I am certain that the "gamble" of going overseas for my family turned into a sure thing. *By John Vogt*

### **ROICC Office Photos**

**M**any of the ROICC office photographs inside the entrance to the Construction Division are still outdated. Please send us an up-to-date picture of you office staff . It always helps to be able to associate a face with a voice on the telephone. Also if you have a photo of one of your projects send it to us for display. We all work very hard to build high quality projects. Take the time and effort to show others how proud you are of your results!

### **The Techno-corner**

**T**his months Internet link takes us to a site that will be of special benefit to overseas locations. We all have heard "The MSDS will be here in a few days" or "I cannot get an English version." A quick visit to MSDS Search at <http://www.msdssearch.com/> may resolve your problem. The site is searchable and provides links to other MSDS Web sites.

## **New Code 051 Selected**

**M**r. Mike Bellamy was announced as the new Code 051, Head Operations Branch, on 2 August 1999 by Mr. Mackey, Construction Division Director. Congratulations Mike!

## **Employee of the Quarter**

**J**ohn Adams, Code 053A was recently named the Employee of the Quarter for the 05 Headquarters. John was sited for his assistance on the NFOR rating system and his effort on the \$20 Million dollar Strategic Maritime Research Center at Newport RI. Congratulations John!

## **Personnel Moves**

**W**elcome to three additions to the 05 staff. Doug Taylor graduated from the PDC program and is working in the TAB section. Ken Trotman is back from a tour at EFAMED in Naples Italy. Also joining the staff is John Vogt. John was stationed at ROICC Sicily at NAS Sigonella. Welcome Doug, Ken and John

**F**arewell to Mr. Mike Holland who was a Computer Engineer here and will be leaving on 25 August. Best of luck to Mike and his family.

## **Metric Conversion Table**

**D**id you know that appendix P in the EM-385-1-1 is a conversion table that includes conversions such as Board-foot to M<sup>3</sup>? Just goes to prove it does pay to read this manual cover to cover. *By Bill Garrett*

## **ROICC Handbook**

**T**he ROICC Handbook (draft version) is now on-line at [http://www.efdlant.navfac.navy.mil/lantops\\_05/home.htm](http://www.efdlant.navfac.navy.mil/lantops_05/home.htm). Please review the draft and provide comments to Jim Gale at GaleJT@efdlant.navfac.navy.mil by 30 September 1999.

## **New Format**

**W**e hope you have enjoyed the new format this issue. It is our intention to continue to modify this newsletter into a vital piece of paper that you look forward to seeing in your read file. Coming months will see more articles that will help all of our offices work smarter, not harder.

## **Closing Thought**

**T**ake a lesson from the turtle. He never makes any progress unless he sticks his neck out. - *Unknown*



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